

Title IID Grantee Web Information

Project Name: Murphy's 05-06 EdTech Project	District: Murphy Elementary
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**Project URL: www.msdaz.org (some grant activities are available via the district site)

Brief Description of the grant: (No more than 2 – 3 paragraphs)

Murphy's 2005-2006 Ed Tech Project was developed to address two of the federal purposes:

- Improve student academic achievement and teacher effectiveness, and
- Provide on-going, sustained professional development.

The specific goals to improve student academic achievement are:

- 1) improve achievement in reading comprehension for the target population of 3rd – 8th grade students, including ELL and Special Education students. This will be accomplished through the expanded use of Reading Counts to encourage our students to engage in more independent reading outside of the classroom.
- 2) improve achievement in mathematics for the target population of 3rd – 6th grade students, including ELL and Special Education students. This will be accomplished through the coordination of computer lab activities with our mathematics curriculum, including the identification of web resources and software programs that support our curriculum and mathematics standards.
- 3) improve the English Language skills of our target population of ELL students. This will occur through the use of specific instruction and software to increase their receptive and expressive English skills.
- 4) increase our target population of 3rd – 8th grade students' achievement of grade level Arizona Technology Standards using Arizona Mathematics Standards as the content. This will be accomplished through the integration of mathematics content with computer lab activities that address the AZ Technology Standards, including identified web resources and software programs that support both mathematics and technology standards.

The specific goals to improve teacher effectiveness by increasing their capacity to integrate technology into the curriculum are:

- 1) improve teacher capacity to integrate technology resources into the mathematics curriculum.
- 2) improve teacher collaboration regarding curricula across grade levels through the use of web-based communication tools.
- 3) improve teacher ability to rapidly monitor and assess student learning through improved access to assessment data.
- 4) improve special education teachers use of technology resources for accommodations and modifications for instruction of special education students
- 5) increase special education teachers' instructional time through the use of technology resources to generate IEPs and manage workflow.

Description of Professional Development Activities (25% of grant is for Professional Development):

Murphy District teachers and staff will be provided with on-going sustained professional development activities designed to increase their capacity to integrate technology into the curriculum, specifically in the areas of:

- Reading comprehension
- Mathematics achievement
- Structured English Immersion
- Integrating the use of technology resources in Individualized Educational Programs (IEPs) for

accommodations and modifications of instruction in regular education classroom and special education settings.

- Using the district's EDesk web portal to improve collaboration among teachers about curricula across grade levels and schools
- Using the district's EDITH web-based student assessment portal for rapid assessment and monitoring of student learning.

Specified district, school and special education personnel will participate in intensive professional development in the use of Reading Counts, the selected Special Education IEP program, EDesk, EDITH, new mathematics and English Language software. The school-based personnel will serve as the resident "Techsperts", and assist in providing on-site technical assistance and professional development activities at each campus for administrators, teachers and special education providers.

We will continue to provide the course fees and stipends to teachers and staff who complete identified ASSET courses that address our district's identified needs, as well as provide custom ASSET courses for specific targeted instructional needs.

of Schools Impacted by Grant: 4

of Teachers Impacted by Grant: 113

Math Initiative Focus:

Our strategy to increase student technology literacy, address the ADE Mathematics Initiative and needs identified in our school improvement plans, involves several activities.

1. District and school technology curriculum personnel will identify software programs and develop lessons for use in the computer lab that address Arizona Technology Standards and Mathematics Standards.
2. In coordination with district and site administrators, computer lab teachers and district technology personnel, we will develop a district-wide plan to guide the scheduling and use of computer labs to provide students with the opportunities to complete the lessons and meet Arizona Technology Standards.
3. In coordination with district and site administrators, computer lab teachers and district technology personnel, we will develop an administrative check-list to guide evaluation of computer lab activities integrating Arizona Mathematics Standards.

** This should not be the fiscal person of the grant, or an administrator, but the person that will be directing the main activities of the project.*

***This is not required but if you have a website, please give us your URL.*